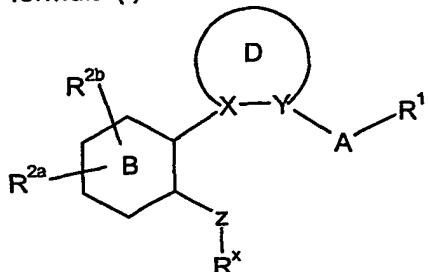


CLAIMS

1. A compound of formula (I):



(I)

5 wherein:

A represents an optionally substituted aryl, or an optionally substituted 5- or 6- membered heterocycl ring, or an optionally substituted bicyclic heterocycl group;

B represents a phenyl or pyridyl ring;

D represents an optionally substituted 5- or 6-membered heterocycl ring containing one or two heteroatoms selected from N, S and O, wherein X and Y are each independently selected from N and C;

Z represents O, S, SO, or SO₂;

R¹ represents CO₂H, CN, CONR⁵R⁶, CH₂CO₂H, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted SO₂alkyl, SO₂NR⁵R⁶, NR⁵CONR⁵R⁶, COalkyl,

15 2H-tetrazol-5-yl-methyl, optionally substituted bicyclic heterocycle or optionally substituted heterocycl;

R^{2a} and R^{2b} each independently represents hydrogen, halo, optionally substituted alkyl, optionally substituted alkoxy, CN, SO₂alkyl, SR⁵, NO₂, optionally substituted aryl, CONR⁵R⁶ or optionally substituted heteroaryl;

20 R^x represents optionally substituted alkyl wherein 1 or 2 of the non-terminal carbon atoms are optionally substituted by a group independently selected from NR⁴, O and SO_n, wherein n is 0, 1 or 2; optionally substituted alkenyl; or optionally substituted alkynyl; or R^x represents optionally substituted CQ^aQ^b-heterocycl, optionally substituted CQ^aQ^b-bicyclic heterocycl or optionally substituted CQ^aQ^b-aryl;

25 R⁴ represents hydrogen or an optionally substituted alkyl;

R⁵ represents hydrogen or an optionally substituted alkyl;

R⁶ represents hydrogen or optionally substituted alkyl, optionally substituted heteroaryl, optionally substituted SO₂aryl, optionally substituted SO₂alkyl, optionally substituted SO₂heteroaryl, CN, optionally substituted CQ^aQ^baryl, optionally substituted

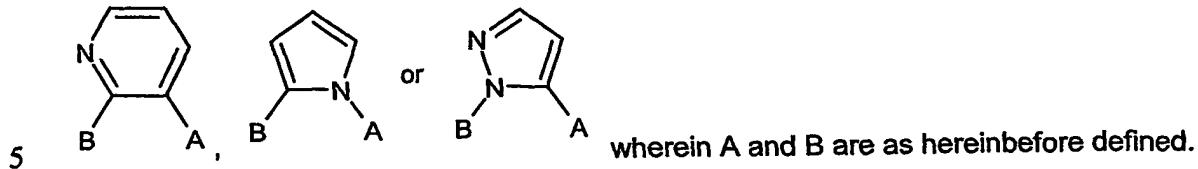
30 CQ^aQ^bheteroaryl or COR⁷;

R⁷ represents hydrogen, optionally substituted alkyl, optionally substituted heteroaryl or optionally substituted aryl;

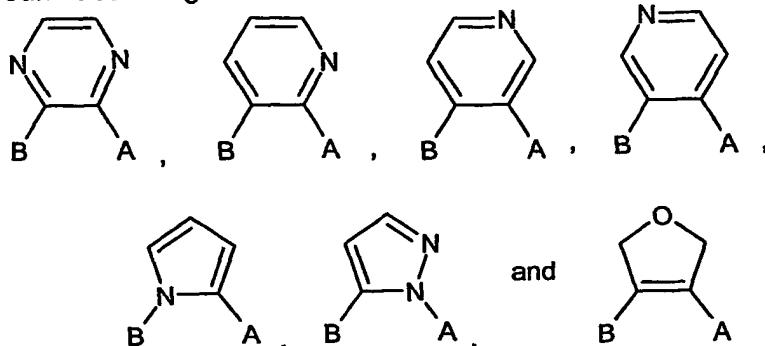
Q^a and Q^b are each independently selected from hydrogen and CH₃;

wherein when A is a 6-membered ring the R¹ substituent and the D ring are attached to carbon atoms 1,2-, 1,3- or 1,4- relative to each other, and when A is a five-membered ring

or bicyclic heterocycl group the R¹ substituent and the D ring are attached to substitutable carbon atoms 1,2- or 1,3- relative to each other;
and derivatives thereof;
provided that D is not imidazolyl, thienyl,



2. A compound according to claim 1 wherein D is selected from



all of which may be optionally substituted.

10

3. A compound according to claim 1 or claim 2 wherein A in is selected from pyridyl or optionally substituted phenyl.

4. A compound according to any one of claims 1 to 3 wherein R¹ is CO₂H.

15

5. A compound selected from:

- 3-[1-[2-(benzyloxy)-phenyl]-5-methyl-1H-pyrrol-2-yl]-benzoic acid;
- 3-[1-[2-(benzyloxy)-5-chloro-phenyl]-5-methyl-1H-pyrrol-2-yl]-benzoic acid;
- 20 3-[1-[2-(benzyloxy)-5-bromo-phenyl]-5-methyl-1H-pyrrol-2-yl]-benzoic acid;
- 3-[5-[2-(benzyloxy)-phenyl]-1H-pyrazol-1-yl]-benzoic acid;
- 3-[5-[2-(benzyloxy)-5-chloro-phenyl]-1H-pyrazol-1-yl]-benzoic acid;
- 3-[3-[2-(benzyloxy)-5-chloro-phenyl]-pyrazin-2-yl]-benzoic acid;
- 3-[4-[2-(benzyloxy)-5-chloro-phenyl]-2-oxo-2,5-dihydro-furan-3-yl]-benzoic acid;
- 25 3-[3-[2-(benzyloxy)-5-chloro-phenyl]-2-oxo-2,5-dihydro-furan-4-yl]-benzoic acid;
- 3-[3-[2-(benzyloxy)-5-chloro-phenyl]-pyridin-4-yl]-benzoic acid;
- 3-[3-[2-(benzyloxy)-phenyl]-pyridin-4-yl]-benzoic acid;
- 3-[4-[2-(benzyloxy)-5-chloro-phenyl]-pyridin-3-yl]-benzoic acid;
- 3-[3-[2-(benzyloxy)-5-chloro-phenyl]-pyridin-2-yl]-benzoic acid;
- 30 3-[3-[2-(benzyloxy)-5-(trifluoromethyl)-phenyl]-pyridin-4-yl]-5-(acetylamino)-benzoic acid;

- 3-[3-[2-(4-fluoro-benzyloxy)-5-(trifluoromethyl)-phenyl]-pyridin-4-yl]-5-(acetylamino)-benzoic acid;
- 3-[3-[2-(2,4-difluoro-benzyloxy)-5-(trifluoromethyl)-phenyl]-pyridin-4-yl]-5-(acetylamino)-benzoic acid;
- 5 3-[3-[2-(benzyloxy)-phenyl]-pyridin-4-yl]-5-(acetylamino)-benzoic acid; and
6-{1-[2-(benzyloxy)-5-chloro-phenyl]-5-methyl-1H-pyrrol-2-yl}-2-pyridinecarboxylic acid;
and derivatives thereof.
6. A pharmaceutical composition comprising a compound according to any one of
10 claims 1 to 5 or a pharmaceutically acceptable derivative thereof together with a
pharmaceutical carrier and/or excipient.
7. A compound according to any one of claims 1 to 5 or a pharmaceutically
acceptable derivative thereof for use as an active therapeutic substance.
- 15 8. A compound according to any one of claims 1 to 5 or a pharmaceutically
acceptable derivative thereof for use in the treatment of a condition which is mediated by
the action of PGE₂ at EP₁ receptors.
- 20 9. A method of treating a human or animal subject suffering from a condition which is
mediated by the action of PGE₂ at EP₁ receptors which comprises administering to said
subject an effective amount of a compound according to any one of claims 1 to 5 or a
pharmaceutically acceptable derivative thereof.
- 25 10. A method of treating a human or animal subject suffering from a pain,
inflammatory, immunological, bone, neurodegenerative or renal disorder, which method
comprises administering to said subject an effective amount of a compound according to
any one of claims 1 to 5 or a pharmaceutically acceptable derivative thereof.
- 30 11. A method of treating a human or animal subject suffering from inflammatory pain,
neuropathic pain or visceral pain which method comprises administering to said subject an
effective amount of a compound according to any one of claims 1 to 5 or a
pharmaceutically acceptable derivative thereof.
- 35 12. Use of a compound according to any one of claims 1 to 5 or a pharmaceutically
acceptable derivative thereof for the manufacture of a medicament for the treatment of a
condition which is mediated by the action of PGE₂ at EP₁ receptors.
- 40 13. Use of a compound according to any one of claims 1 to 5 or a pharmaceutically
acceptable derivative thereof for the manufacture of a medicament for the treatment or
prevention of a condition such as a pain, inflammatory, immunological, bone,
neurodegenerative or renal disorder.

14. Use of a compound according to any one of claims 1 to 5 or a pharmaceutically acceptable derivative thereof for the manufacture of a medicament for the treatment or prevention of a condition such as inflammatory pain, neuropathic pain or visceral pain.